UNITED STATES COLORADO-MOFFAT CO. DEPARTMENT OF THE INTERIOR 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY SE/4 MONUMENT BUTTE 15' QUADRANGLE 4464 | NE (CASTOR GULCH) 107°37′30″ 40°22′30″ R. 91 W. 32'30" R. 90 W. 22 20 23 21 24 19 20 26 28 27 29 25 29 30 34 35 31 32 32 33 T. 5 N. 20' T. 4 N. 11 16 15 14 17 NOTE: Overburden isopachs and mining ratio contours are not drawn beyond dotted line because of insufficient data. 21 21 17'30" 28 27 29 33 35 32 33 31 T. 3 N 9 10 (SLEEPY CAT PEAK)
4464 II NE
SCALE 1:24000 107°30′ Compiled in 1979 Base from U.S. Geological Survey, 1966 This report has not been edited TEDVAL 40 FEET for conformity with U.S. Geological Survey editorial standards or COLORADO stratigraphic nomenclature. UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET QUADRANGLE LOCATION

> OVERBURDEN ISOPACH AND MINING RATIO MAP OF THE MIDDLE COAL GROUP, COAL BED [48]

PLATE 40

HAMILTON QUADRANGLE

OPEN FILE REPORT 78-628

PLATE 40 OF 43

**EXPLANATION** 

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval 100 feet (31 m) over strippable coal and 200 feet (61 m) beyond the stripping-limit line.

DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of

MINING-RATIO CONTOUR - Number indicates

MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach). To convert mining ratio to cubic meters of

convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428.

MG - Middle Coal Group

COAL BED SYMBOL AND NAME - Coal bed identified by bracketed numbers is not formally named, but is numbered for identification

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Snort dashed where projected by present

TRACE OF FAULT - Bar and ball on down-thrown side. Dasned where inferred or approxi-

To convert feet to meters, multiply feet by

mately located.

0.3048.

purposes in this quadrangle only.

coal bed.

1978